

WEEKLY REPORT

Supaporn Lonapalawong(卢金璇)

2018/12/24-2018/12/30

本周工作

- 阅读电网的文章
 - 《Visualization of power system data》
 - 《电力系统运行状态可视化技术综述》
 - 《A Novel Visualization Technique for Electric Power Grid Analytics》
 - 《Minimizing User Interaction in Energy Management Systems: Task Adaptive Visualization》
 - 《Smart Grid Management & Visualization》
 - 《Voltage Contours for Power System Visualization》
- Oracle
 - 建一个新数据库。把南网的数据添加进来就出现了问题。数据里面的内容（汉子）是个奇怪的字。以为是编码有问题，修改了，结果还是一样。最后改了 FONT，问题就解决了。

下周工作计划

- 继续阅读报告
- 继续学习 D3.js
- 继续阅读南方电网可视化的资料

参考文献

- Overbye, Thomas J. , and J. D. Weber . "Visualization of power system data." Hawaii International Conference on System Sciences IEEE, 2000.
- 刘尧, 李卫东, and 吕阳. "电力系统运行状态可视化技术综述." 电力系统自动化 28.8(2004):92-97.
- Wong, P. C. , et al. "A novel visualization technique for electric power grid analytics. " IEEE Transactions on Visualization & Computer Graphics 15.3(2009):410-423.

- Mahadev, P. M, and R. D. Christie. "Minimizing user interaction in energy management systems: task adaptive visualization." IEEE Transactions on Power Systems 11.3(1996):1607---16121612.
- Tang, Grace Q. "Smart grid management & visualization: Smart Power Management System." International Conference & Expo on Emerging Technologies for A Smarter World 2012.
- Weber, J. D. , and T. J. Overbye . "Voltage contours for power system visualization." IEEE Transactions on Power Systems 15.1(2000):404-409.